

Tiana Toups (adpce.ad)

From: Gregory Becker <gbecker@bentonutilities.com>
Sent: Saturday, October 14, 2023 11:06 AM
To: Richard Healey (adpce.ad); Todd Pedersen
Cc: Dewayne Hood; Terry Wimberly; Jason Bolenbaugh (adpce.ad); Tiana Toups (adpce.ad); Leslie Allen-Daniel (adpce.ad); Stacie Wassell (adpce.ad); Angela Freeman; Joe Martin (adpce.ad); Bailey Taylor (adpce.ad)
Subject: RE: Benton Utilities, Force main Lift Station break, Parkett Lane
Attachments: E. Coli Results - Sample Collection 10-11-2023.pdf; eurofins - Analytical Report The Estates (Line Breakage) - 10-11-23.pdf

Mr. Healey,

I have attached the results of the additional E. coli samples of the unnamed tributary stream (creek) that were taken on Wednesday, October 11, 2023, as well as the accompanying analytical report.

The results of the additional samples collected are below the APC&EC Rule 2 water quality standard of 1490 cfu for E. coli.

Please let me know if you have any questions or need any additional information.

Sincerely,

Gregory Becker
Wastewater Treatment
Benton Utilities
616 West Hazel
Benton, AR 72015
Phone: 501-776-5982
Cell: 479-459-8560
gbecker@bentonutilities.com

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From: Richard Healey (adpce.ad) <Richard.Healey@adeq.state.ar.us>
Sent: Tuesday, October 10, 2023 12:32 PM
To: Gregory Becker <gbecker@bentonutilities.com>; Todd Pedersen <tpedersen@bentonutilities.com>
Cc: Dewayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>; Jason Bolenbaugh (adpce.ad) <Jason.Bolenbaugh@adeq.state.ar.us>; Tiana Toups (adpce.ad) <Tiana.Toups@adeq.state.ar.us>; Leslie Allen-Daniel (adpce.ad) <Leslie.Allen-Daniel@adeq.state.ar.us>; Stacie Wassell (adpce.ad) <Stacie.Wassell@adeq.state.ar.us>; Angela Freeman <afreeman@bentonutilities.com>; Joe Martin

(adpce.ad) <Joe.M.Martin@adeq.state.ar.us>; Bailey Taylor (adpce.ad) <Bailey.Taylor@adeq.state.ar.us>

Subject: RE: Benton Utilities, Force main Lift Station break, Parkett Lane

Greg and Todd:

The E-coli sample results of the unnamed tributary to the Saline River exceed the APC&EC Rule 2 water quality standards. Although Benton Utilities recovered sewage with their vac truck and recent rains in the area may have flushed residual sewage from the unnamed tributary, additional E-coli samples should be collected until the results are below the APC&EC Rule 2 water quality standard of 1490 cfu for E. coli and are no longer a threat to human health.

When received, please forward additional sample results to DEQ.

If you have any questions, please do not hesitate to ask.

Thanks

From: Gregory Becker <gbecker@bentonutilities.com>

Sent: Monday, October 9, 2023 1:36 PM

To: Richard Healey (adpce.ad) <Richard.Healey@adeq.state.ar.us>; Todd Pedersen <tpedersen@bentonutilities.com>

Cc: Dewayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>; Jason

Bolenbaugh (adpce.ad) <Jason.Bolenbaugh@adeq.state.ar.us>; Tiana Toups (adpce.ad)

<Tiana.Toups@adeq.state.ar.us>; Leslie Allen-Daniel (adpce.ad) <Leslie.Allen-Daniel@adeq.state.ar.us>; Stacie Wassell

(adpce.ad) <Stacie.Wassell@adeq.state.ar.us>; Angela Freeman <afreeman@bentonutilities.com>

Subject: RE: Benton Utilities, Force main Lift Station break, Parkett Lane

Mr. Healey,

Per your request.

I have attached the results of the E. coli sampling of the unnamed tributary stream (creek) as well as the accompanying commercial lab report.

Please let me know if you have any questions or need any additional information.

Sincerely,

Gregory Becker

Wastewater Treatment

Benton Utilities

616 West Hazel

Benton, AR 72015

Phone: 501-776-5982

Cell: 479-459-8560

gbecker@bentonutilities.com

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From: Richard Healey (adpce.ad) <Richard.Healey@adeq.state.ar.us>

Sent: Wednesday, October 4, 2023 9:50 AM

To: Todd Pedersen <tpedersen@bentonutilities.com>

Cc: Gregory Becker <gbecker@bentonutilities.com>; Dewayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>; Jason Bolenbaugh (adpce.ad) <Jason.Bolenbaugh@adeq.state.ar.us>; Tiana Toups (adpce.ad) <Tiana.Toups@adeq.state.ar.us>; Leslie Allen-Daniel (adpce.ad) <Leslie.Allen-Daniel@adeq.state.ar.us>; Stacie Wassell (adpce.ad) <Stacie.Wassell@adeq.state.ar.us>

Subject: Benton Utilities, Force main Lift Station break, Parkett Lane

Todd

Please provide DEQ an update on the Benton Utilities assessment and clean activities at the unnamed tributary (creek) to the Saline River from the ruptured 12 inch force main . Please provide DEQ, GPS location coordinates of the ruptured 12 inch force main at the Parkett Lane lift station, GPS Location coordinates of where the unnamed tributary (creek) enters the Saline River. Please provide photographs.

DEQ is also concerned the reported estimate volume (1500 gallons) of released wastewater is vastly under estimated, using the attached document please recalculate the estimated volume.

If you have any questions regarding this matter, please do not hesitate to contact me.

Thanks

Richard C. Healey | Enforcement Branch Manager
Division of Environmental Quality | **Office of Water Quality**
5301 Northshore Drive | North Little Rock, AR 72118
t: 501-682-0640 | e: richard.healey@adeq.state.ar.us



From: Todd Pedersen

Sent: Tuesday, October 3, 2023 5:04 PM

To: 'Richard.Healy@adeq.ar.us' <Richard.Healy@adeq.ar.us>

Cc: Gregory Becker <gbecker@bentonutilities.com>; Dewayne Hood <dhood@bentonutilities.com>; Terry Wimberly <twimberly@bentonutilities.com>

Subject: Force main Lift Station break

Richard,

Just giving you update of our initial steps started.

We will take samples on the Saline upstream and downstream of where this creek enters the Saline. We will also take a sample of the creek if it is flowing.
We are going to try to access the area with the Vac truck and suck up anything that we might be considered waste. We will start documenting the process with pictures to show our progress and what we have done.

Todd Pedersen, General Manager
Benton Utilities
Office: (501) 776-5984

Escherichia Coli Results

| Date | Sample ID | MPN/100ml |
|------------|----------------------------|-----------|
| 10/11/2023 | Break (3324 River Heights) | 39 |
| 10/11/2023 | Near Fence (Hwy 5 Culvert) | 150 |
| | | |
| | | |
| | | |
| | | |
| | | |

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Mr. Greg Becker
Benton Utilities
616 West Hazel Street
Benton, Arkansas 72015
Generated 10/13/2023 5:18:34 PM

JOB DESCRIPTION

The Estates Line Break

JOB NUMBER

192-5889-1

Eurofins Arkansas

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
10/13/2023 5:18:34 PM

Authorized for release by
Steve Bradford, Lab Director
steve.bradford@et.eurofinsus.com
(501)224-5060



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Definitions/Glossary

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Job ID: 192-5889-1

Laboratory: Eurofins Arkansas

Narrative

Job Narrative
192-5889-1

Receipt

The samples were received on 10/11/2023 1:07 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.8° C.

Biology

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Client Sample Results

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Client Sample ID: At Break

Date Collected: 10/11/23 10:01

Date Received: 10/11/23 13:07

Lab Sample ID: 192-5889-1

Matrix: Water

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------|-----------|-----|-----------|---|----------|----------------|---------|
| Escherichia coli | 39 | | 1.0 | MPN/100mL | | | 10/11/23 16:15 | 1 |

Client Sample ID: Near Fence

Date Collected: 10/11/23 09:56

Date Received: 10/11/23 13:07

Lab Sample ID: 192-5889-2

Matrix: Water

Method: IDEXX Coliform - Coliforms, Total, and E.Coli (Colilert - Quanti Tray)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------|--------|-----------|-----|-----------|---|----------|----------------|---------|
| Escherichia coli | 150 | | 1.0 | MPN/100mL | | | 10/11/23 16:15 | 1 |

QC Association Summary

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Biology

Analysis Batch: 8134

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 192-5889-1 | At Break | Total/NA | Water | Coliform | |
| 192-5889-2 | Near Fence | Total/NA | Water | Coliform | |

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Lab Chronicle

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Client Sample ID: At Break

Date Collected: 10/11/23 10:01

Date Received: 10/11/23 13:07

Lab Sample ID: 192-5889-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | Coliform | | 1 | 8134 | SC | EET ARK | 10/11/23 16:15 |

Client Sample ID: Near Fence

Date Collected: 10/11/23 09:56

Date Received: 10/11/23 13:07

Lab Sample ID: 192-5889-2

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | Coliform | | 1 | 8134 | SC | EET ARK | 10/11/23 16:15 |

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060

Accreditation/Certification Summary

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

Laboratory: Eurofins Arkansas

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|--------------|---------|-----------------------|-----------------|
| Arkansas DEQ | State | 60-0889 | 03-01-24 |

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Method Summary

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

| Method | Method Description | Protocol | Laboratory |
|----------|---|----------|------------|
| Coliform | Coliforms, Total, and E.Coli (Colilert - Quanti Tray) | IDEXX | EET ARK |

Protocol References:

IDEXX = IDEXX Laboratories

Laboratory References:

EET ARK = Eurofins Arkansas, 8600 Kanis Rd, Little Rock, AR 72204, TEL (501)224-5060



Sample Summary

Client: Benton Utilities
Project/Site: The Estates Line Break

Job ID: 192-5889-1

| <u>Lab Sample ID</u> | <u>Client Sample ID</u> | <u>Matrix</u> | <u>Collected</u> | <u>Received</u> |
|----------------------|-------------------------|---------------|------------------|-----------------|
| 192-5889-1 | At Break | Water | 10/11/23 10:01 | 10/11/23 13:07 |
| 192-5889-2 | Near Fence | Water | 10/11/23 09:56 | 10/11/23 13:07 |

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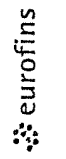
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Chain of Custody Record



Environment Testing

| | | | | | | |
|--|---|--|--|---|--|---|
| Client Information Client Contact: Greg Becker Company: Benton Utilities Address: 416 W. Hazel St City: Benton State/Zip: AR 72015 Phone: 501-776-5982 Email: gbecker@bentonutilities.com Project Name: THE ESTATES LINE BEAK Site: River Views Heights | | Lab Pk: AF & CUN Phone: 501-776-5998 E-Mail: | Carrier Tracking No(s): State of Origin: | COC No: Page: Job #: | Analysis Requested Preservation () A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: | 192-5889 COC W - None O - AsNaO2 P - Na2OxS Q - Na2SO3 R - Na2SO4 S - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) |
| Due Date Requested TAT Requested (days) Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 107596 WO # Project #: SSOW#: | | Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Total Number of Containers: | Special Instructions/Note: E. Coli: | | | |
| Sample Identification AT BREAK NEAR FENCE | Sample Date 10/11/23 10/11/23 | Sample Time 10:01 0956 | Sample Type (C=comp, G=grab) G G | Matrix (W=water, S=solid, O=soil) W W | Preservation Code: W W | Special Instructions/Note: Total Number of Containers: |
| Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify) | | | | | | |
| Empty Kit Relinquished by Relinquished by: A-FREEMAN Date/Time: 10/11/23 12:30pm Relinquished by: Gregory Becker Date/Time: 10/11/23 1:07pm | | | | | | |
| Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: | | | | | | |
| Relinquished by: A-FREEMAN Date/Time: 10/11/23 12:30pm Relinquished by: Gregory Becker Date/Time: 10/11/23 1:07pm Relinquished by: Gregory Becker Date/Time: 10/11/23 1:07pm | | | | | | |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: | | | | | | |
| Method of Shipment Received by: Gregory Becker Date/Time: 10/11/23 12:30pm Received by: Gregory Becker Date/Time: 10/11/23 1:07pm Received by: Gregory Becker Date/Time: 10/11/23 1:07pm Other Remarks: | | | | | | |



Login Sample Receipt Checklist

Client: Benton Utilities

Job Number: 192-5889-1

Login Number: 5889

List Number: 1

Creator: Vang, Matthew

List Source: Eurofins Arkansas

| Question | Answer | Comment |
|--|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |